

SB-10035864-4965

Countries: CANADA, UNITED STATES, SOUTH AFRICA
Availability: ISIS, Bus ISIS, FleetISIS
Major System: EXHAUST
Current Language: English
Other Languages: [Français](#), [Español](#),
Viewed: 529

Document ID: IK0700024
Revision: 3
Created: 4/17/2012
Last Modified: 4/30/2012
Author: Joe Christopher

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Coding Information

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Title: Under Cab Insulation Adhesion

Applies To: Workstar® and DuraStar® with under cab exhaust 07BDL, 07BEJ or 07BHE

DESCRIPTION

WorkStar® and DuraStar® vehicles built on or before 6/25/2010, the under cab heat shield above the exhaust elbow may experience adhesive failure, droop and in some instances fall off of vehicle. The following procedure will re-install insulation.

Location



Photo 1 - Cab Floor Insulator Location - Right side

PARTS INFORMATION

Part #	Description	Qty.
LOC20166	Silicone, Black, Loctite Adhesive Direct Ship	1
SMP812390	Tape, Insulating, Aluminum Foil 150' Direct Ship	1
3790035C2	Insulator, Cab Floor, Front Cross Member - As needed	1

Suggested Tools:

1. Safety glasses and hand gloves.
2. 13mm socket and ratchet.
3. 13mm combination wrench.
4. Caulk gun.

5. Utility knife.
6. J-Roller.

**WARNING:**

To avoid personal injury from the muffler and exhaust system allow the vehicle to cool sufficiently before servicing the muffler and exhaust system or the area around the exhaust system.

**WARNING:**

To prevent unexpected movement of the vehicle and possible serious personal injury or death, park the vehicle on a flat, level surface, set the parking brake, turn the engine off and chock the wheels to prevent vehicle from moving in both directions.

Service Procedure

1. Shift the vehicle transmission to park or neutral, set parking brake and install wheel chocks.
2. Allow time for vehicle to cool before performing work around exhaust.
3. To gain access, remove right (passenger side) fender extension and set aside. Refer to Image 1 below items 15, 35 and 45.
4. Remove the right side top step heat shield (4 bolts) Image 2

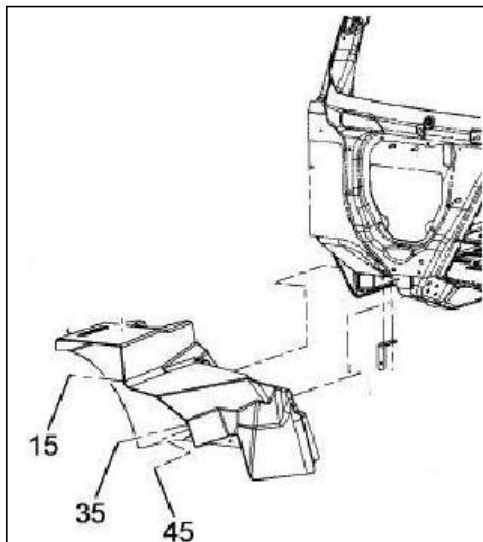


Image 1 - Remove Right Inner Fender Extension



Image 2 - Remove Right top Step Heat Shield - 4 bolts

5. Thoroughly clean cab floor in area insulation will be installed. Remove loose debris then use an alcohol based solvent to remove any residue.
6. Inspect the insulation if torn or delamination replace the insulation.
7. If reusing the insulation clean all loose debris from the adhesive side and clean with an alcohol based solvent. Allow to completely dry
8. Apply 1/4" bead silicone adhesive to the insulation (Image 3 & 4) as shown below and press insulation back into place. Note: Section of insulation may still be attached to vehicle. If so, clean and apply adhesive as shown to the portion that needs reattached.

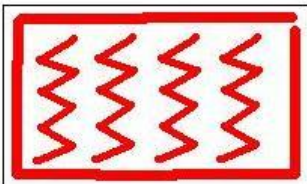


Image 3 - Apply Adhesive



Image 4 - Properly Apply Adhesive

9. Press insulation onto cab floor. Use roller to apply pressure to ensure adhesive has good contact between insulation and cab surfaces.
10. Apply foil tape along edges of insulation to hold in place while adhesive cures.
11. Reinstall fender extension. Bolt torque 19.2 - 24.0 Nm (14.2 - 17.7 Ft-Lb) and nut torque 23-29 Nm (17 - 21.3 Ft-Lb).
12. Reinstall top step heat shield.



Image 5 - Heat Shield Installed

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